

NON-COMPLIANCE REPORT

September 20, 2016

Arkansas Department of Environmental Quality  
NPDES Enforcement Section  
5301 North Shore Drive  
North Little Rock, AR 72118

RE: NPDES Permit No. AR0043613 AFIN No. 14-00059 Discharge Number: 001

Facility: City of Magnolia-Big Creek WWTP

Physical Address: 72 Columbia Road 300 Magnolia, AR 71753

Mailing Address: P.O. Box 666 Magnolia, AR 71754-0666

Contact: Russell Thomas Phone: 870-234-2955 Fax: 870-234-2203

Email: [mwws@sbcglobal.net](mailto:mwws@sbcglobal.net)

| Date of Non-compliance | Parameter Exceeded      | Quantity or Loading | Quality or Concentration | Permit Limits   |
|------------------------|-------------------------|---------------------|--------------------------|-----------------|
| 08/09/2016             | Total Residual Chlorine |                     | 1.99 mg/l                | 0.1 mg/l        |
| 08/16/2016             | Fecal Coliform          |                     | 800 #100ml               | 200/400 #100 ml |
| 08/23/2016             | Fecal Coliform          |                     | 350 #100 ml              | 200/400 #100 ml |
|                        |                         |                     |                          |                 |
|                        |                         |                     |                          |                 |

**We feel like this problem was due to:**

Smart Valve on Chemical feed system malfunctioned.

**We plan on correcting the problem in this manner:**

Had Paul Wolford from Instrument supply company check out chemical feed machine on 09/19/2016.

He re-linerized smart valve.

Smart valve malfunctioned next day. Replaced Smart Valve with spare. ordered new smart valve, sending in old smart valve for repair.

**Time estimated that it will take to correct problem.**

Hopefully we have corrected the situation; we are monitoring the chemical feed machine.

Sincerely,



Russell W. Thomas

09/20/2016

Date

INSTRUMENT & SUPPLY, INC.  
SERVICE REPORT

JOB # \_\_\_\_\_

DATE: 9-19-16

TECHNICIAN: Paul Wofford

PROJECT: Magnolia WWTP

TIME IN: 11:15 AM

CONTACT: Bussell Thomas other

TIME OF: 12:10 PM

PHONE: cell 870-904-1694 870-904-3699

HOURS ON JOB: 2 hr

PERSON PRESENT: Carl Smith

MILEAGE: ONE ROUND WAY TRIP

BILL     STARTUP     WARRANTY

Signature: Carl Smith

LOCATION: site of WWTP @ Columbia Rd 300,

DESCRIPTION: CL<sup>2</sup> and SO<sup>2</sup> system 250ppd.

PROBLEM: CL<sup>2</sup> main smart valve out of calibration

Action: Re-liberized main smart valve controller.

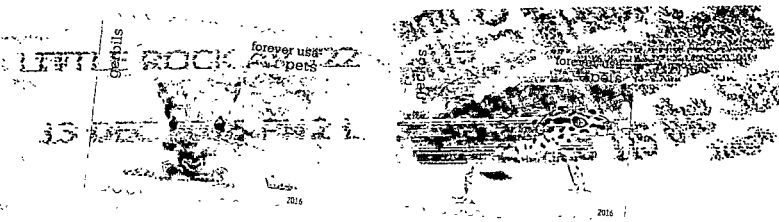
Also check SO<sup>2</sup> smart valve: Although the customer change the Rotameter to 250ppd the smart valve is only rated for 100ppd, can not be re-configured in the field.

COMMENTS: \_\_\_\_\_

PARTS USED: \_\_\_\_\_ AVAILABLE LOCALLY?: \_\_\_\_\_

CITY OF MAGNOLIA Big Creek - WWT  
P.O. Box 666  
Magnolia, AR 71754-0666  
NPDES Permit No. AR0043613  
AFIN No. 14-00059

CITY OF MAGNOLIA Big Creek - WWT



NPDES Enforcement Section  
Water Division  
ADEQ *ATTN: GINA Porter*  
5301 North Shore Dr.  
North Little Rock, AR 72118-5317

72118-531799

